

**ELECTRIDUCT**

Data Sheet:

TD-013

Revision:

3

Date:

1-Sep-09

Base Material:

Polyethylene

Material Code:

PE or DE

*Our commitment to quality is our commitment to success***Product Description**

Flexible convoluted tubing / conduit manufactured from a blend of low density polyethylene and linear low density polyethylene resins.

**Performance Enhancers**

|                 |    |
|-----------------|----|
| Flame Retardant | No |
| UV Inhibitor    | No |
| Heat Stabilizer | No |

**Performance Characteristics**

|   |               |
|---|---------------|
| Flexibility                             | Excellent     |
| Abrasion Resistance                     | Good          |
| Chemical Resistance                     | Good          |
| Recommended Operating Upper Temperature | +200°F (93°C) |
| Recommended Operating Lower Temperature | -40°F (-40°C) |

**Typical Physical Properties**

| Test Method                         | Value     | Units |   |
|-------------------------------------|-----------|-------|---|
| Specific Gravity/Density            | ASTM D792 | 0.924 | - |
| Elongation @ Break                  | -         | -     | - |
| Elongation @ Yield                  | -         | -     | - |
| Tensile Strength @ 25C              | -         | -     | - |
| 2% Secant Modulus                   | -         | -     | - |
| Flexural Modulus                    | -         | -     | - |
| Melting Point                       | -         | -     | - |
| Notched Izod Impact Test            | -         | -     | - |
| Heat Deflection Temperature @66psi  | -         | -     | - |
| Heat Deflection Temperature @264psi | -         | -     | - |

**Material Certifications**

|                         |   |
|-------------------------|---|
| Delphi / Packard        | - |
| Ford                    | - |
| General Motors          | - |
| Chrysler                | - |
| ASTM                    | - |
| Underwriters Laboratory | - |
| FMVSS 302               | - |

**Notes**

- (1) Electriduct Inc. does not claim or state any UV life or warranty for product manufactured with a "UV inhibitor" additive as we do not have any control over its end use environment.
- (2) All "UL" and FMVSS 302 flame ratings are for the resin used to manufacture our product, not for our end product. The ratings are created by testing standard "UL" and "FMVSS" plaque specimens, not tubing samples.
- (3) All Electriduct's products are compliant with the European Union's Directive 2002/95/EU (RoHS) and the REACH Directive.
- (4) Product designated as a UL 94 "V0" product is a non-Halogenated product
- (5) If a product is designated as flame retardant but has no material certification listed, this product is a Electriduct internally blended material blended with a flame retardant additive. It is tested to an internal flame test (DR-006) that holds no claimed warranty.

**ELECTRIDUCT**

1650 NW 18th St

Unit: 801

Pompano Beach, FL 33069

Toll Free: 866-673-9590

Web Site Address: <http://www.electriduct.com>Email: [orders@electriduct.com](mailto:orders@electriduct.com)**An ISO/TS 16949 and ISO-9001****Registered Company**